ABSTRACT

A router device (10) includes a VRRP (Virtual Redundancy Router Protocol) realizing a virtual router device for operating a plurality of router devices virtually as one router device.

5 The router device (10) further includes a virtual router processing section (15) for executing virtual router processing and a virtual router information processing section (14) for extracting virtual router information upon reception of a virtual router information message and performing setting

10 necessary for operation as a virtual router. When performing a new connection to a local area network, the virtual router information can be automatically set. Thus, it is possible to significantly reduce the load required for building a virtual router system by manual setting conventionally performed by

15 a management operator.